

ABSTRACT

[057] An osmolarity measuring system is configured to receive a contact lens in a measurement chamber. The measurement chamber includes a volume of fluid, and a series of electrodes are configured to measure the electrical properties of the fluid. A processing device correlates the measured electrical properties with an osmolarity measurement. Further, the processing device is configured to track trends in stored osmolarity measurements and alert the user to take an action, including the cessation or alteration of product use.